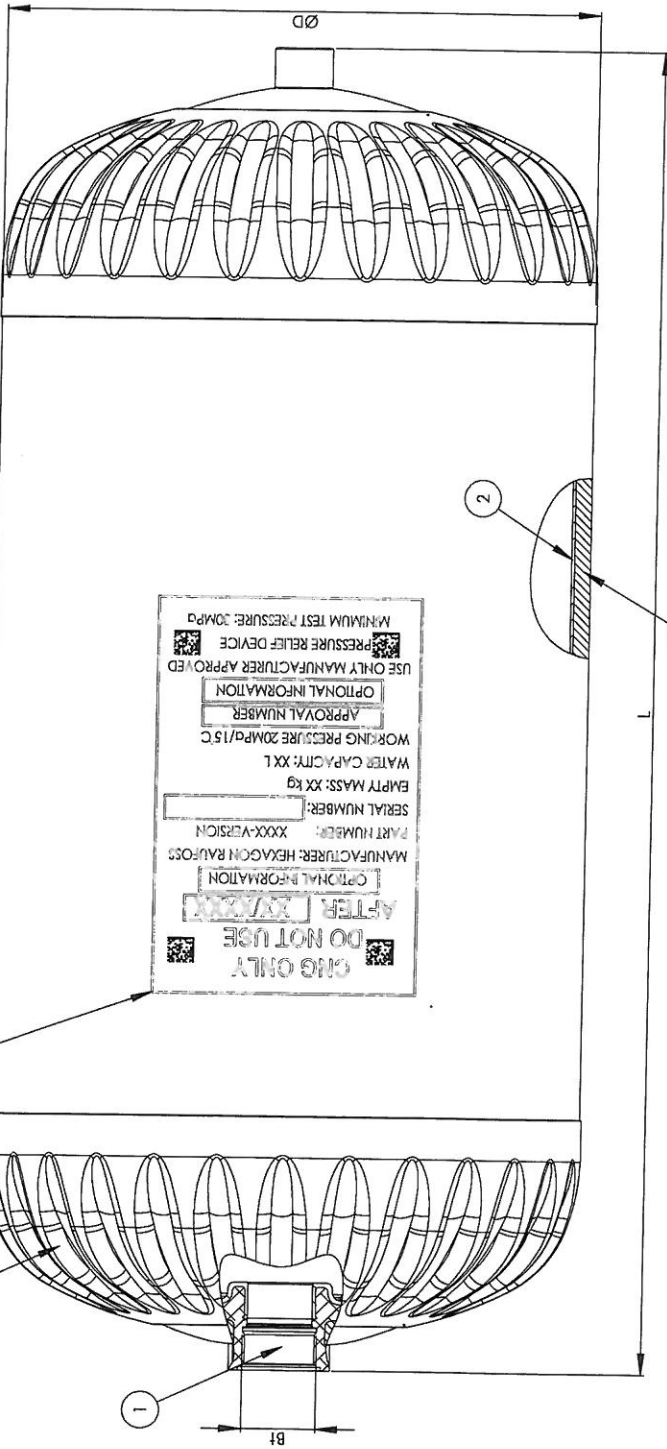


Symb	Revision	ECO nr	Date	Name



- MARKING: IAW ECE R110 AND ISO 11439. Label in English, optionally in the language of the country where the cylinders are delivered. Label can be rotated 90 degree on the cylinder.
- VALVE MOUNTING TORQUE: Max. 120Nm

- NOTE**
- CYLINDER DESIGN ACCORDING TO: ECE R110 AND ISO 11439
LIFETIME: 20 YEARS, 20 000 FILL CYCLES
TEMPERATURE RANGES:
GAS: -40°C TO +65°C
OPERATING: -40°C TO +82°C
 - DESIGNED FOR WORKING PRESSURE: 20 MPa at 15°C
MAXIMUM OPERATING PRESSURE: 26 MPa
100% PRESSURE TEST AT 30 MPa
MIN. BURST PRESSURE 50 MPa
 - DESIGNED FOR CNG IAW ISO 15403.

ITEM NO	PART NAME	MATERIAL
6	Shoulderpad	IDDFE
5	Outer protection	PET wrap
4	Label	Sticker
3	Composite	Carbon/E-glass, resin
2	Liner	Pa
1	Valve interface	Pa

HEXAGON RAUFOS

Material: D410X915 CNG

Date: 09.12.2014

Drawn: T.K.Lindell

Check: APPROVALS

Engineer: P. J. J.

QA: P. J. J.

Approved: P. J. J.

File name: 0160070_D410x915_CNG

Scale: 1:2

Format: A2

Drv no: 0160603

Dok. code: 000

Rev: A

SHEET 1 OF 1

Previous drawings of this document is based on the version issued electronically in the company's Documentation - Control System. From issued specifications the responsibility is not passed automatically, and that be used for information only.



**HEXAGON
RAUFOSS**

Certification of Conformance

Certificate NO. P16019-01 35/16

Name and Address of Manufacturer:	Hexagon Raufoss AS Postbox 50 2831 Raufoss Norway
Approval No.:	E1 110R 010266
Tested Objects:	1 cylinders with burstpressure above 550 bar: OK 1 cylinders pressure cycling (20-260bar) 20 000 times not leaking: OK
Serial No.:	See list below
Make:	Hexagon Raufoss AS
Type, Variants:	HEX-CNG-T4-Pam-D410x915
Operating Conditions:	Service pressure : 20MPa/15° C Maximum Allowable Working Pressure: 26MPa Temperature from -40° C to +65° C
Size	D410x915

With the marking on the label of the cylinder:

a)	Filling Medium	"CNG Only"
b)	Month and Year of Expiry	Lifetime: 20 years, 20 000 fillcycles
c)	Manufacturers mark	HEXAGON RAUFOSS
d)	Part number:	160070
e)	Working pressure	20MPa / 15° C
f)	ECE Regulation	ECE R 110
g)	Fire protection type:	OMB Saleri AS E13 110R-000143
h)	Date of Original Test	23.06.2016
i)	Tare mass of empty cylinder(in kg):	25,5
k)	Water Capacity (l)	87
l)	Test Pressure	30 Mpa
m)	Any Special Instructions:	

Each cylinder was made in compliance with all requirements of ECE regulation No. 110, "Uniform provisions concerning the approval of specific components of motor vehicles using compressed natural gas (CNG) in their propulsion systems", dated 2013-07-15, incl. Amendment 1 rev 2, in accordance with the cylinder description above.

I hereby certify that all these testresults proved satisfactory in every way and are in compliance with the requirements of the type listed above.

Serial numbers in batch

1617400021
1617400024
1617400023
1617400020
1617400022
1617400017
1617400019

Comments:

Competent Authority:

Inspector Sign:

Manufacturer's signature:

Place, Date:



TÜV Saarland Automobil

Arvid Walden

Raufoss, 31.08.2016